

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: KB9VU@aol.com
Subject: AC-4 schematic
Message-ID: <951111075016_19274393@emout05.mail.aol.com>

There was a fellow on the list a week or so ago that wanted a schematic of the AC-4 Power Supply (DRAKE). I've lost your phone (FAX) number and/or address. Please drop an E-Mail so I can send the information. Sorry about that!

Mike

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: RE: Books
Message-ID: <Pine.SOL.3.91.951111000638.3318A-100000@iglou2>

Books are sold

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: rbsingl@rs6000.cmp.ilstu.edu (rodger singley)
Subject: crystal etching or grinding?
Message-ID: <9511102044.AA133218@rs6000.cmp.ilstu.edu>

Fellow (and to be politically correct fellowettes or is that fellowits?) restorers:

I should soon have arriving a working and a parts Valiant and I am interested in using some crystals I acquired at a garage sale in these units (I know they have VFO's, I had one as a novice; but I have had these crystals sitting around unused). These crystals are probably the only decent garage sale buy I ever made, got a box of about 500 assorted units (mostly 43's and 171 units, but a bunch of the little MAR units in case and some oddball holders) for \$2. Several of these units are just below the 40 and 80 meter bands. I rememeber seeing an article on etching and or grinding xtals in Radio and TV news (probably early 50's). If someone remembers the date of this article I would appreciate knowing it (our university library has a pretty complete bound set of these in storage-I am sure the librarian will wonder what a marketing professor wants with a 40 year old electronics magazine!). Or, if someone can direct me towards another source of this info, please E-mail me. Thanks!

Rodger WQ9E

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: crystal etching or grinding?
Message-ID: <Pine.SV4.3.91.951110203656.27188A-100000@uhunix3>

My mid-60s edition of the ARRL's UNDERSTANDING AMATEUR RADIO
had a section of xtal grinding.

This topic was thoroughly covered several months ago. It should
have been place in the FAQ, except I don't think we have an FAQ.

Jeff NH6IL

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: 75376.12@compuserve.com
Subject: Doorknob Caps
Message-ID: <951111033147_75376.12_CHR195-1@CompuServe.COM>

I have an old Yaesu FLDX-2000 amplifier which runs four 6KD6's for about 500
watts output. One of the capacitors in it went "POW!!" tonight. It's a round
gizmo (about 1.5" in diameter), ceramic (big-time ceramic--a light green color
and heavy) and has threads in both ends for screw mounting the thing between the
wall of the HV cage and the cathode lead to the tubes. It says 3kv on the cap,
and 5000pf.

Does anyone know:

- Is this a "doorknob"?
- Are the threads reasonably common?
- Where I can get one?

Thanks for any help.

bernie
NH6I
75376.12@compuserve.com

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: "Terry O'Laughlin, RM:7135, #:6-6667" <OLAUGHLIN@vilas.uwex.edu>
Subject: experimental 1610kHz AMer
Message-ID: <MAILQUEUE-101.951110153151.1792@vilas.uwex.edu>

Is there any interest in this information out in BA land? There are a number of stations experimenting with the AM BCB extension to 1705kHz. The info comes from "Airwaves" a radio related computer digest.

73 Terry O' WB9GVB

----- Forwarded message follows -----

Subject: New station will be on 1610Khz
From: BROCKRADIO@aol.com
Organization: Not Specified

An outfit known as Ken-Land broadcasting has been granted an "experimental" AM station on 1610 KHz. It will run 1KW with it's transmitter located at 209 West Murray Drive in Farmington, New Mexico. I have no info on call letters or the technical reason for the experimental station. Any ideas?
Brock Whaley
WH6SZ
Honolulu, HI

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: experimental 1610kHz AMer
Message-ID: <Pine.ULT.3.91.951110164501.26696A@admin.aurora.edu>

On Fri, 10 Nov 1995, Terry O'Laughlin, RM:7135, #:6-6667 wrote:

> Is there any interest in this information out in BA land? There are
> a number of stations experimenting with the AM BCB extension to
> 1705kHz. The info comes from "Airwaves" a radio related computer
> digest.
>

Hi Terry, yes, I am interested in such things. Be interesting to see if I can hear it in Illinois, what with the TIS stations near Chicago on 1610. They could have picked a better freq to start with on the band.
73 de Bob, K9EUI

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Bill Smith <bilsmith@crl.com>
Subject: Re: experimental 1610kHz AMer
Message-ID: <Pine.SUN.3.91.951110195855.2667A@crl5.crl.com>

On Fri, 10 Nov 1995, Terry O'Laughlin, RM:7135, #:6-6667 wrote:

>

> Subject: New station will be on 1610Khz

Gee.. they'll have to compete with the 25 watt emergency services broadcast from Berkeley, CA on the same frequency.

73 de Bill, AB6MT
bilsmith@crl.com

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995

From: Steve Ellington <n4lq@iglou.com>

Subject: FS Misc BA stuff like books etc.

Message-ID: <Pine.SOL.3.91.951110210549.8207A-100000@iglou>

Here's a pile of BA books including:

Tech Manual: TM11-866 on the Super Pro BC779 and a host of other Hammarlunds receivers with their power supplies

Surplus conversion manuals 2ea. vol 1 and 3 covers about 50 different surplus rigs.

Stack of literature on Command sets

Pile of manuals about 3" thick on ART-13's

Take the whole bunch or nothing for \$25

Preamplifier for 3.5 to 30 mc. Made by Holstrom Associates. Has veriner dial, bypass and off-on sw. This would be nice for BA's that need a boost.
Manual included. \$15

Heath QF-1 Qmultiplier with original manual \$15.

Mallory variable isolation transformer with meter and ac outlets etc. \$25

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995

From: TOM.A.ADAMS@mail.admin.wisc.edu

Subject: Globe King 400 & etc.

Message-ID: <FBAN2400.FBAN2410@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Greetings, Troops!

A couple of months ago I asked the group for info on a Globe King 400 for a buddy of mine. He had a chance to pick one up. Thanks to all who replied.

Guess what? Now I'VE got it! It's on the floor of the shack, right next to the desk holding my Globe King 500!!!

Starting Sunday, I'm gonna be off from work (and out of INTERNET contact) for about 3 weeks; deer hunting season comes once again to Wisconsin. If I do NOT get to go (heaven forbid!!!) the Globe will be gettin' a going over, just like the 500 did when I got euchred out of hunting LAST year!

I have a manual, so I'm in pretty good shape. I have MOST of the plug-in coils, but they're in pretty rocky shape; some of them can only provide a base to build a new one on.

What I'm looking for is comments from the collective wisdom of the group on the modifications (grimmace!) I have to resort to.

There are NO tubes in the PA. As some of you know, Leo's penchant for every tube on the market that was likely to become an orphan was running rampant in this rig; the PA uses V-70Ds! Thank Goodness the infamous Hytron 5514 modulator tubes were there, as was the 7C5 Locktal that they used as a crystal oscillator tube!

Re. the PA; I'm looking at the possibility of putting a dropping resistor in series with the 7.5 VAC filament transformer to reduce the voltage to 6.3, and then just plug in a pair of 811As. It ain't authentic, but at least those tubes are obtainable at something less than the National debt! :-)

In off-list conversation with Bobbi Barmore, she suggested 812As. I agree, but had to reject that idea. Around here, I haven't seen an 812 in YEARS! I don't think that tube was ever accepted as a JAN type, so the huge quantities of surplus bottles aren't there.

In any event, this conversion seems to be a nonmutilating one, and easily reversible in the event that a miracle occurs and a pair of V70Ds shows up, tho if they did they'd probably more fittingly belong in a museum than in my rig... just like any OTHER extinct animal!

It appears that a set of 160 metre coils was an extra cost option with this rig, and the original owner obviously wasn't interested in 160. The manual mentions the coils, and says that padding caps are used, but they don't mention any details. If anyone can tell me what the values of those caps are, I can fabricate pretty reasonable facsimiles of the original coils. Anybody got a

set out there who's willing to send the pad cap data? One of the folks who wrote before mentioned that the PA tank cap pad was 35 pF. Was that across the ENTIRE cap, or was it 35 pF across EACH SECTION of the variable?

Just for grins, Leo took another excursion into the Wonderful World of Unobtainable Tubes. The modulator B+ supply uses 866JR rectifiers! Once again, even tho it's not authentic, the rig is gonna grow NORMAL 866A jugs! :-)

One of the reasons I'm bringing up this entire project is to try to open some dialogue on the subject of modified vs unmodified BAs.

Just like everyone else here, I'd just LOVE to have gotten this rig in the same condition it was in when it came out of the shipping crate. The rig's in good enough shape that I could probably put it BACK into that condition, assuming I wanted to throw large quantities of cash at the project.

But this old radio came to me with a number of nonfactory mods already in it, and frankly, unstock tho they are, in my opinion those mods have a great deal of legitimacy in thier own right. Let me explain.

When you consider an old rig like this, it doesn't exist in a vacuum. It had an effect on the world around it, and vice versa.

In this case, the rig was "born" in the era of the 1st "Indian Wars" (ie, Tennessee Valley Indians, or TVI). There was just about all out warfare going on in a lot of areas between hams and the owners of those newfangled TV sets.

This old vet was modified before I ever saw it. She grew a perforated sheet metal cage around the RF deck, extra bypass capacitors, nonstock AC line filtering, etc. These things were necessary in order to operate at all back then. For most, if not all of the rig's life, these mods have been there.

Just because the factory didn't add these items, even tho they were needed, does that make the mods a bastardization of the rig's original concept?

I've got to admit, I was lucky on this rig. Whoever the unknown ham was who did the mods was GOOD! It took me awhile to realize that the cage wasn't an original feature. All of his/her other work was completely logical, and done with excellent workpersonship. Surprisingly, there was even the addition of 2 new controls on the front panel, and they were so well and logically done, so in tune with the rig's original aesthetics, that once again I didn't realize they weren't stock at first! My Stetson is off to this unknown old timer.

Hams are a resourceful lot. We do what we have to do in order to keep a rig on the air and earning it's keep.

The mods I'm considering now are only another step in that process, just like the mods done by that ham forty years ago. When they're done, this fine old rig will be ready to keep on truckin' into the next century.

I'm into this whole thing because I'm still kinda bothered by the thread on modification that we had here a week or so ago, concerning changing the RCA jack on a Collins rig to an SO-239. There were HUGE volumes of traffic on that one.

People, this is MADNESS! Are we radio operators, or are we museum curators? And in the final analysis, in the unlikely event that our rigs DO wind up in a museum somewhere, who's to say that the rig is desecrated into unworthiness by a modification made to keep the rig running?

And while we're at it, there's the subject of after market modification kits.

There's a British made modification kit that I'm looking for a source on. It adds HF general coverage to the Icom R-7000. If I add that kit to my radio, is some future BA freek gonna say that I butchered the rig?

Philosophically, is there a difference between a commercially made after market mod kit and a well done homebrew modification?

As I said, I'm gonna be out of touch starting Sunday while I go hunting. I am taking with me an extra rifle for a buddy to use.

That rifle is a Model 98K Mauser, circa 1942, built in Nazi Germany. There are still eagle and swastika arsenal markings on it, but much of the wood has been either removed or modified; the full length stock it had in the infantry has been cut down, making the rifle lighter and easier to handle in the woods. The original battle sights have been removed and replaced with a telescopic sight, because the scope, in competent hands, is able to increase the rifle's inherent level of accuracy, and extend the range to which that accuracy is useful. The original safety has been removed, and replaced with an aftermarket kit that allows the safety to be used more easily, more quietly, and much more safely.

Has the Mauser been butchered, or has it been made more useful under it's current circumstances?

Hard to say, really. To the gun collector, it's a hacked Nazi rifle. To the hunter, it's a much more practical tool than a battle rifle would be.

If nothing else, it's something to think about.

73's,

Tom, K9TA

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: bwb%sirius.triad.com%triada.triad.com@triada.triad.com (Bruce Bacon)
Subject: Halli S38B Stuff
Message-ID: <9511102220.AA12609@sirius.triad.com>

Greetings BA Bretheren (and sisteren),

My brother (who, I feel has suffered from BA-ness envy for some time now) showed up on my doorstep with an S38B that he picked up at a garage sale. The main tuning dial cord had broken and he needed some help repairing it. I strung 'er back up with some 50 lb test braided dacron deep sea fishing line and did a quick visual inspection. Typical leaky wax caps....Sticky switches..Hmmm. He said he really *was* interested in keeping it so we decided that I would perform a restoration. A quick visual indicated it needs to be recapped. No problem. Powered it up via the variac and soon we were listening to Radio Habana Cuba. It seemed to work OK, but it will definitely need a replacement volume/power switch and perhaps a band-change switch and realignment. So, my friends, I guess I'm in need of those two items. Any S38B scrappers out there? Would also be very interested in a maint manual copy, and will be happy to pay any associated costs. Thanks very much.

Returning to lurker mode,

--

-Bruce Bacon KE6GLS (replies to - bwb@triad.com) Livermore, CA

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Hallicrafters s-85
Message-ID: <UPMAIL03.199511102345000782@msn.com>

I aquired a S-85 receiver about a year ago and can't find much info on it. I found a schematic(1 page slip in in a old Sams, cira 1962)but would like to know the date it is was manufactured. If anyone has one of these and needs a schematic send me mail and I will fax or whatever. Also if anyone has a schematic of a S-38C I would like to get a copy. Both receivers are about a 9. Last is there a list by model number of all receviers Hallicrafters made by Maybe Model number ?

Thanks
Allan D. Fritsche
fritsche@msn.com
attmail!fritsche

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: Re: Hallicrafters s-85
Message-ID: <9511111248.AA20788@mirage>

Allan Fritsche writes:

>

> I aquired a S-85 receiver about a year ago and can't find much
> info on it. I <snip> would like to know the date it is was manufactured.
Produced 1954-59. Moore has an interesting note, "Successor to S-40B -
note same tubes", so maybe you could find some help from the S-40B Sams.

> Also if anyone has a schematic of a S-38C I would like to get a copy.
I have the S-38C Sams, a copy is yours for a SASE.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.
Justice William O. Douglas

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Terry Pridgen <pridgent@pinn.net>
Subject: Ham Mags Evals of Boatanchors
Message-ID: <Pine.SUN.3.91.951110172820.18583A-100000@everest>

Looking for info regarding the specific issues of QST, 73, etc., which

evaluated the most popular boatanchor receivers. I've not been able to locate an index for these magazines from the late 40s and 50s.
73 de Terry//KC4YTF//pridgent@pinn.net

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: bcutter@teal.csn.net (Bob Cutter)
Subject: HO 10 Scope
Message-ID: <199511111533.IAA09653@lynx.csn.net>

I am still looking for some "use" information on the Heath HO 10 Monitor Scope. Mine seems to be working OK.

73, Bob K10G
END

Bob Cutter,Glenwood Springs, CO

K10G

bcutter@teal.csn.net

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Howard Weeks S-85
Message-ID: <UPMAIL03.199511110315390245@msn.com>

Howard, iam new to the internet and iam not sure how to get in touch with you direct. Do you belong to a service?. At any rate will be more than glad to fax you the schematic or mail. It's only one page or should I say 2, 8.5X11's.

I guess you will have to tape together. If your list of model numbers can't be transmitted electronically, please mail. I figure 32 cents for you and I. My

address is 10307 Brickyard CT
Houston, Texas 77041

Send me yours and the schematic will be in the mail 11-13.

Thanks for the Reply.
Al Fritsche
713-937-6044

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: OTB
Message-ID: <Pine.SUN.3.91.951111022922.23227B-1000000@coyote.rain.org>

(Bandwidth justified by number of inquiries received; undoubtedly others wondered, but did not ask)

Antique Wireless Association (AWA) publishes a quarterly bulletin called "The Old Timer's Bulletin". You can get a copy for \$3 postpaid from Debbie Roloson, 2 Walnut Place, Apalachin, NY 13732. Checks made out to AWA. If you want to join, send a check for \$12 for one year to Joyce Peckham (Secretary), Box E, Breesport, NY 14816. (607) 796-6230. I haven't regretted joining, even though I can't make the annual bash due to distance involved. K3ZJW has written 6 previous articles under the heading "National Notes". Number 7 was on the PW dial, and is contained in OTB Vol 36, No. 4 (November 1995).

On Fri, 10 Nov 1995, DENNIS DOONAN X6916 wrote:

> Hi Ray,
> Just read your post about the PW dial. Can you tell me a bit about
> the Old Timer's Bulletin and how to contact K3ZJW.
> I hate to admit that I'm not familiar with it and I will have a pair
> of PW dials to do.
> Thanks.
> 73 de Dennis, KG9DO doonan@cordmc.dneet.etn.com
>

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: David Stinson <72227.1640@compuserve.com>
Subject: PACKRATTING
Message-ID: <951111143638_72227.1640_EHM74-3@CompuServe.COM>

This is an excerpt from a letter to Hank van Cleef.
I thought it a good comment, and you do know
how I love to preach. Rotten tomatoes gracefully
received in private email. I'll make spaghetti sauce.

"....sometimes find these things in the bottom of a junkbox from a hamfest.
I paid \$10 for this box, pulled-out at least \$40 worth of tubes that I use

and then handed out the rest. This is the third time I've found an eye tube in a cheap junkbox. I figure it really didn't cost me anything and I don't allow myself to packrat stuff I don't use.

I remember too well when, as a kid, I'd see some guy's garage absolutely packed full of BA stuff. No matter how much I might save or find to trade, he wouldn't let any of it go because he was "gonna get around to it some day."

Well, someday never came and they buried him and his stuff went to the winds. Lots and lots of BA folks could tell this story. So, I focus on just those radios I care about and everything else goes on the block. Just getting the Johnson was a major diversion from policy for me...."

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: Re: Scope Info needed...

Message-ID: <199511101755.LAA07999@zoom.bga.com>

As lewise@bga.com said

>
>
> I have a couple of boatanchors that I wonder if anyone has
> any knowledge of or information on.
>
> ---
> The first unit is a small military scope with the following tag
> info:
>
>
Dunno about this one.
>
> ---
> The second unit looks like an industrial unit, build like a
> battleship, obviously for service/repair use. The tag info
> is:
>
> Telegraph Distortion
> Analyzer
> Model TDA-2 Serial 3197
> Stelma Inc. Stamford, Conn.
>
> It has repair and calibration tags dated 16 and 18 Feb 70
> by FEL - Frequency Engineering Laboratories, Electronic
> Services Div.

>
>From your description, this is for looking at Teletype signals.
It's a real period piece, although it was probably built in the sixties.
Just the thing for the ASR/KSR Teletype collector.

> This one when turned on behaved well with no excess heat and
> a stable sweep. Looks in good condition. Tube size looks like
> 2 or 3 inches. Front panel knob marked 'Speed' has three
> positions: 60 75 100. Scope face has a horizontal scale marked
These would be baud rates.

> distortion with 0 to 50 scale. The letters M and S are on the
> left side of the tube, M above the S as though maybe a 'flipping
> line' display might be used. No other marks on the tube face.

"M" is "mark," "S" is "space." The electrical interface may be for 20
ma. current loop, RS-232, or both.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: scopes where?
Message-ID: <199511110111.RAA11475@desiree.teleport.com>

>I've read almost all the scope postings, and still wonder why
>Tek's 530-545 models are called the "letter series."
>Is it cuz the plug-ins were identified only by letters?
>Thanks, mike k w9nrd
>

Yep. Though that's not entirely technically correct since the "1A" and "1S"
plugins will also work in the 530 and 540 series, too. (Also, all those
letter series, 1A, and 1S plugins will work in the 550 series, too.) [and
the 580 series with an 81 or 81A adapter.]

Stan W7NI@teleport.com

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: BETHANNE_SEHRING.parti@ecunet.org
Subject: SUBSCRIBING

Message-ID: <9511102130.aa23455@pcusa01.ecunet.org>

Please send info on subscribing to (& un-subscribing from) boatanchors newsgroup. Tnx es 73--John WB2EQG

From boatanchors@theporch.com Sat Nov 11 17:44:00 1995
From: Andy Howard WA4KCY <102452.362@compuserve.com>
Subject: Wanted BC-611
Message-ID: <951111041352_102452.362_DHT58-1@CompuServe.COM>

BC-611 Wanted. One or a pair. Prefer working condition.
What have you got?
Andy, WA4KCY
E-mail or 770-832-0202